LABDEX

Automatic Biochemistry Analyzer
LX101ABA

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Description

Automatic biochemistry analyzer LX101ABA is a completely automated benchtop chemistry analyzer with a throughput of 280 tests per hour. Designed with expanded on-board testing, reduced sample volume, and simple operation, this is a suitable biochemical analyzer for low to mid-volume hospitals and laboratories worldwide. It has an easy-to-use interface that provides a long-term basis for analytical performance. This system contains standardized test menus, assay methods, instrument operations, and reference ranges, all of which limit operator variation and offer consistent quality results.

Specifications

Throughput	Constant speed: 200 tests/hour Max speed: 280 tests/hour
Analysis Method	End-point, Fixed-time, Rate(Kinetic)
Sample Positions	49 sample positions
Reagent Position	56 reagent positions
Sample Volume	2-70µl
Reagent Volume	20-350µl
Probe	Teflon coating, with anti-collision function, liquid level detection function
Probe Washing	Automatic washing interior and exterior
Reagent Cooling	Refrigerated tray with independent switch
Temperature Control	37±0.2℃
Cuvettes	120 reusable cuvettes, optical length 6mm

Mixer probe	Independent stirring
Washing	Automatic cuvettes washing
STAT function	Yes
Light Source	12V/30W halogen lamp
Spectrophotometry	Post-spectral spectrophotometry
Wavelength	340, 405, 450, 480, 505, 546, 570, 600, 630, 700, 750, 800 nm
Absorbance	0-3.0Abs
Calibration	Linear:K factor, 1-point ,2-point and multipoint linear Non-Linear:Spline,Polygon, Index, Ogarithm, Logit-4P, Logit-5P
Quality Control	Real-time QC, Westgard multi rule, Cumulative Sum Check,Twin Plot (2D)
Software	Windows 7/8/10 , 32 or 64bit
LIS System	Bi-direction, support HL7 protocol
Interface	LAN port access
Power Supply	AC220V±10%,50/60Hz, 110V±10%,60Hz, 300W
Temperature	15~30℃
Water Consumption	Deionized water:□5L/H
Humidity	40-85%

External Size (W x D x H)	950 x 603 x 510 mm
Net weight	65 kg
Package Size (W x D x H)	1090 x 700 x 1020 mm
Gross Weight	140 kg

Features

- Designed with uninterrupted workflow
- Probe with anti-collision and liquid-level detection function
- Refrigerated tray with independent switch and 24-hour, 2-8℃ cooling system
- Mixer probe having Teflon coating to avoid cross-contamination
- It has intelligent software
- Independent 5-step washing through washing probe
- Robust testing capabilities
- Efficient reagent and consumable use
- Simplify operations with user-friendly graphical user interface design and touch-screen monitor

Applications

- Automatic biochemistry analyzer used in many biology and histopathology laboratories to extract the serum, plasma, urine or any other body fluid, Research institutes etc.

Optional Accessories

- Printer

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